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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,588	01/12/2001	David Elberbaum	ELBX 17.815A	1804

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EXAMINER
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VENT, JAMIE J

ART UNIT	PAPER NUMBER
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2621

DATE MAILED: 05/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/759,588

Applicant(s)

ELBERBAUM, DAVID

Examiner

Jamie Vent

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 10-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Terminal Disclaimer***

The terminal disclaimer filed on March 6, 2006 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Response to Arguments***

Applicant's arguments with respect to claim 10 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 10-45 are rejected under 35 U.S.C. 103(a) as being unpatentable by Morito (US6782190) in view of Miller et al (US 6222800).

**[claims 10, 12, 21, 22, 23, 24, 26, & 41]**

In regard to Claims 10, 12, 21, 22, 23, 24, 26, & 41 Morito discloses a digital recording apparatus used for authenticating digital video signals and recording of digital video signals being recorded onto a fresh unrecorded disk by a disk recorder of a disk feeder

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system, the disk feeder system comprising coding generating and mixing means and a code imprinter, the method comprising the steps of:

- Feeding a fresh disk from a fresh disk compartment of the disk feeder system to code imprinter (Figure 2 shows the feeding of the disk as further described in Column 4 Lines 20-62);
- Generating an exclusive code for the disk by generating a mixing means (Figure 2 shows the printer 7 wherein the code is generated onto the disk as described in Column 4 Lines 38-45);
- Imprinting said exclusive code onto a label, the label being disposed on a surface opposite to a digital video signal (Column 3 Lines 38-45 describes the imprinting);
- Feeding the fresh disk imprinted with the exclusive code to the disk recorder (Figure 10 shows the feeding of the disk);
- Generating coded signals commensurate with the exclusive code by coding generating and mixing means (Figure 7 shows the generating of the code);
- Mixing said coded signals with said digital video signals recorder by said disk recorder to authenticate said recording of the recorded disk outputted from said feeder system (The disk identifier Sd is mixed on the disk with the coded signal Sp as seen in Figure 7); however fails to disclose the disk being fed into the apparatus.

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Miller et al shows a disk feeder apparatus as seen in Figure element 10, which comprises a controller as seen in the controller card 28. Furthermore, the disk recorder means comprises a disk driver 20, which records, a pull slider and slider table all comprised on the auto retrieve mechanism 26. Additionally the sliding table has an extended tray 22, pulley belt 78 wherein the shuttle 68 shuttle or slides the disk for transporting. The auto load separator mechanism 24 controls the ejection of the imprinted disk, as seen in Figure 12, as further described in Column 6 Lines 1-46. This apparatus allows for the processing and transporting of disks through recording and imprinting. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the disk system, as disclosed by Morito, and incorporate a disk feeder apparatus that has transporting ability, as disclosed by Miller et al.

**[claims 11, 13, 25, 27, & 42]**

In regard to Claims 11, 13, 25, 27, & 42 Morito shows a method for authenticating the recording of digital video signals being recorded onto a fresh unrecorded disk by a disc recorder of a disk feeder system, the disk feeder system comprising coding generating and mixing means and a code imprinter, the method comprising the steps of:

- Feeding a fresh disk from a fresh disk compartment of the disk feeder system to code imprinter (Figure 2 shows the feeding of the disk as further described in Column 4 Lines 20-62);
- Generating an exclusive code for the disk by generating a mixing means (Figure 2 shows the printer 7 wherein the code is generated onto the disk as described in Column 4 Lines 38-45);

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- Imprinting said exclusive code onto a label, the label being disposed on a surface opposite to a digital video signal (Column 3 Lines 38-45 describes the imprinting);
- Feeding the fresh disk imprinted with the exclusive code to the disk recorder (Figure 10 shows the feeding of the disk);
- Generating coded signals commensurate with the exclusive code by coding generating and mixing means (Figure 7 shows the generating of the code);
- Mixing said coded signals with said digital video signals recorder by said disk recorder to authenticate said recording of the recorded disk outputted from said feeder system (The disk identifier Sd is mixed on the disk with the coded signal Sp as seen in Figure 7).

**[claims 14, 15, 28, & 29]**

In regard to Claims, 14, 15, 28, and 29, Morito et al discloses a method for authenticating wherein the fresh disk comprises one of a non-erasable disk and re-recordable disk (Column 4 Lines 5-62 describes a DVD-R and Column 5 Lines 63-65 describes a DVD-RAM).

**[claims 16, 19, 20, & 30]**

In regard to Claims 16, 19, 20, and 30, Morito et al discloses a method for authenticating the recording of digital video signals wherein the code imprinter comprises one of a laser printer, an ink jet printer, a heat stamp printer, an ink pad

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printer, an optical/chemical printer, a ribbon printer, and a rubber page printer (Column 4 Lines 37-40 describes the imprinter).

**[claims 17, 18, 31, & 32]**

In regard to Claims, 17, 18, 31, & 32, Morito discloses the imprinting of a code onto a fresh disk; however, fails to disclose the imprinting the code onto a label and placing the label onto the disk. Miller et al discloses a disk system wherein the disks are imprinted with a code onto a label and placing the label onto the disk as discussed in Column 1 Lines 1-15 and thereby providing a system that allows easy identification for the disk.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the imprinting disk system, as disclosed by Morito, and further disclose a system that labels the disk, as disclosed by Miller et al.

**[claims 33, 34, & 43]**

In regard to Claim 33, 34, and 43, Morito et al discloses a disk system; however, fails to disclose the pull lever is selected from a group consisting of a self-propelled lever, a spring propelled lever, a motor-activated lever and an electrical plunger activated lever. Miller et al discloses a system with various levers, as described in Column 7 Lines 50+.

The use of the various levers allows the system to operate more efficiently. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the disk system, as disclosed by Morito et al, and incorporate a disk feeder system as disclosed by Miller et al.

**[claims 35,36,37,38,44 & 45]**

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In regard to Claims 35, 36, 37, 38, 44, and 45, Morito et al discloses a disk system, however fails to disclose the elevating platform that includes an elevating mechanism with gear racks, timing belts with timing gears and threaded shafts. Miller et al shows an elevating platform in Figures 8 and describes the process in Column 8 Lines 60-67. The use of an elevating mechanism allows the system to hold disks and properly move disks to the correct location. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the disk system, as disclosed by Morito et al, and incorporate an elevating mechanism for the disks, as disclosed by Miller et al.

**[claims 39 & 40]**

In regard to Claims 39 and 40, Morito et al; however, fails to discloses a disk feeder system wherein the disk recorder means includes at least two disk recorders, vertically stacked and mounted on top of an elevating platform, each of said disk recorders including a disk driver and a recording head and wherein said elevating platform raises or lowers said disk recorders for aligning each of the disk recorders with said feeding position and said receiving position during said disk tray transporting operation. Miller et al shows an elevating platform in Figures 8 and describes the process in Column 8 Lines 60-67. The use of an elevating mechanism allows the system to hold disks and properly move disks to the correct location. Furthermore it is seen in Figure 12 the process of stacking the disk for disk recorders and disk drivers to make a more efficiently used system. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the disk system, as disclosed by Morito, and



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incorporate a disk feeder apparatus that has transporting ability, as disclosed by Miller et al.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamie Vent whose telephone number is 571-272-7384. The examiner can normally be reached on 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jamie Vent  
05/15/06

  
THAI TRAN  
PRIMARY EXAMINER